



Product Change Notification / ASER-09XMLZ090

Date:

12-Feb-2021

Product Category:

8-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4562 Initial Notice: Qualification of a new bill of materials (BOM) for selected PIC18Fxxx and PIC16Fxxx device families available in 128L LQFP (14x14x1.4mm) package at ANAP assembly site.

Affected CPNs:

[ASER-09XMLZ090_Affected_CPN_02122021.pdf](#)

[ASER-09XMLZ090_Affected_CPN_02122021.csv](#)

Notification Text:

PCN Status:Initial notification.

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the icons found in the Affected CPNs section to the right.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .csv).

Description of Change:Qualification of a new bill of materials (BOM) for selected PIC18Fxxx and PIC16Fxxx device families available in 128L LQFP (14x14x1.4mm) package.

Pre Change:Assembled at ANAP assembly site using G700L mold compound material, EFTEC64T lead frame material, and Spot AG DAP surface prep.

Post Change:

Assembled at ANAP assembly site using G631HQ mold compound material, C194ESH lead frame material, and Double Ring Ag DAP surface prep.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Amkor Technology Philippine, INC. (ANAP)	Amkor Technology Philippine, INC. (ANAP)
Wire material	Au	Au
Die attach material	3230	3230
Molding compound material	G700L	G631HQ
Lead frame material	EFTEC64T	C194ESH
DAP Surface Prep	Spot Ag	Double Ring Ag

Impacts to Data Sheet:None**Change Impact:**None**Reason for Change:**To improve manufacturability by qualifying a new mold compound material and lead frame design.**Change Implementation Status:**In Progress**Estimated Qualification Completion Date:**April 2021

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	February 2021				-->	April 2021				
Workweek	6	7	8	9		1 4	1 5	1 6	1 7	1 8
Initial PCN Issue Date		X								
Qual Report Availability										X
Final PCN Issue Date										X

Method to Identify Change:Traceability code**Qualification Plan:**Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.**Revision History:****February 12, 2021:** Issued initial notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_ASER-09XMLZ090 - Qual Plan.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.